

COVID-19 and Youth in Maine

March 12, 2020 - December 27, 2021

Total Number of Confirmed and Probable COVID-19 Cases Among Youth and Young Adults Age < 25:

48,668

Total Number of Confirmed and Probable COVID-19 Cases Among Mainers of All Age Groups:

146,427

Total Number of Cases by Age Group

0-4	5,672
5-9	8,912
10-14	9,807
15-19	11,329
20-24	12,948
25+	97,759

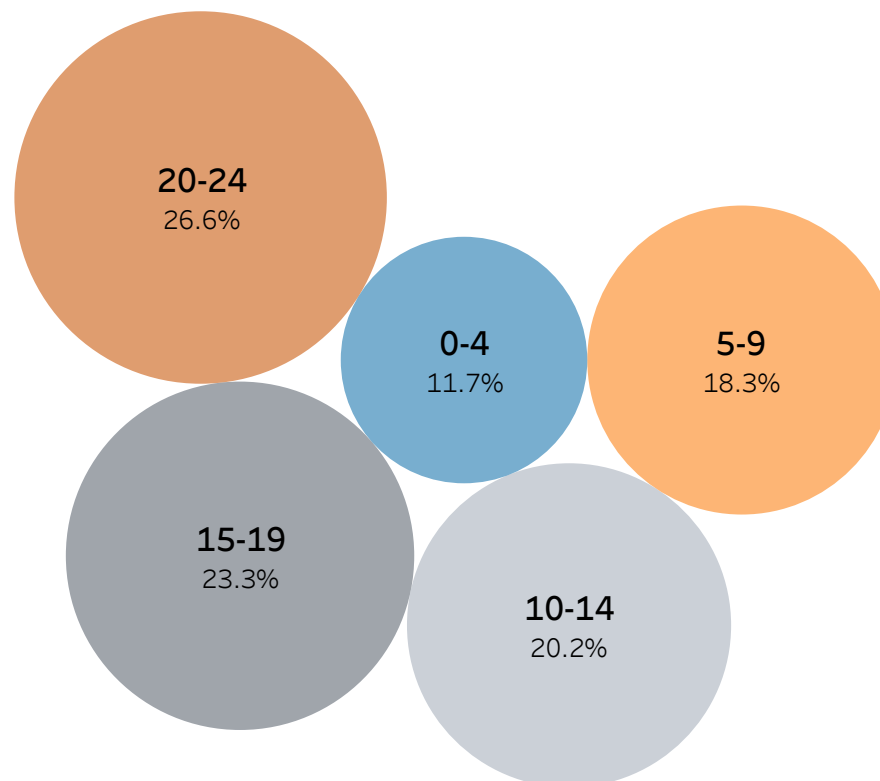
Percent of Total Cases
Age < 25:

33.2%

Percent of Total Cases
Age ≤ 18:

22.7%

Percent of Total Confirmed and Probable Youth Cases by Age Group



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**Data includes positive test results from labs which are supplemented by information collected by case investigators. These are preliminary data that are subject to change.

Caption

Age group and % of Total Count of COVID-19 cases. Color shows details about age group. Size shows % of Total Count of COVID-19 cases. The marks are labeled by age group and % of Total Count of COVID-19 cases. The view is filtered on age group, which excludes 25+.

Hospitalizations in Youth COVID-19 Cases*

March 12, 2020 - December 27, 2021

Cumulative Number of Hospitalizations Under Age 25:

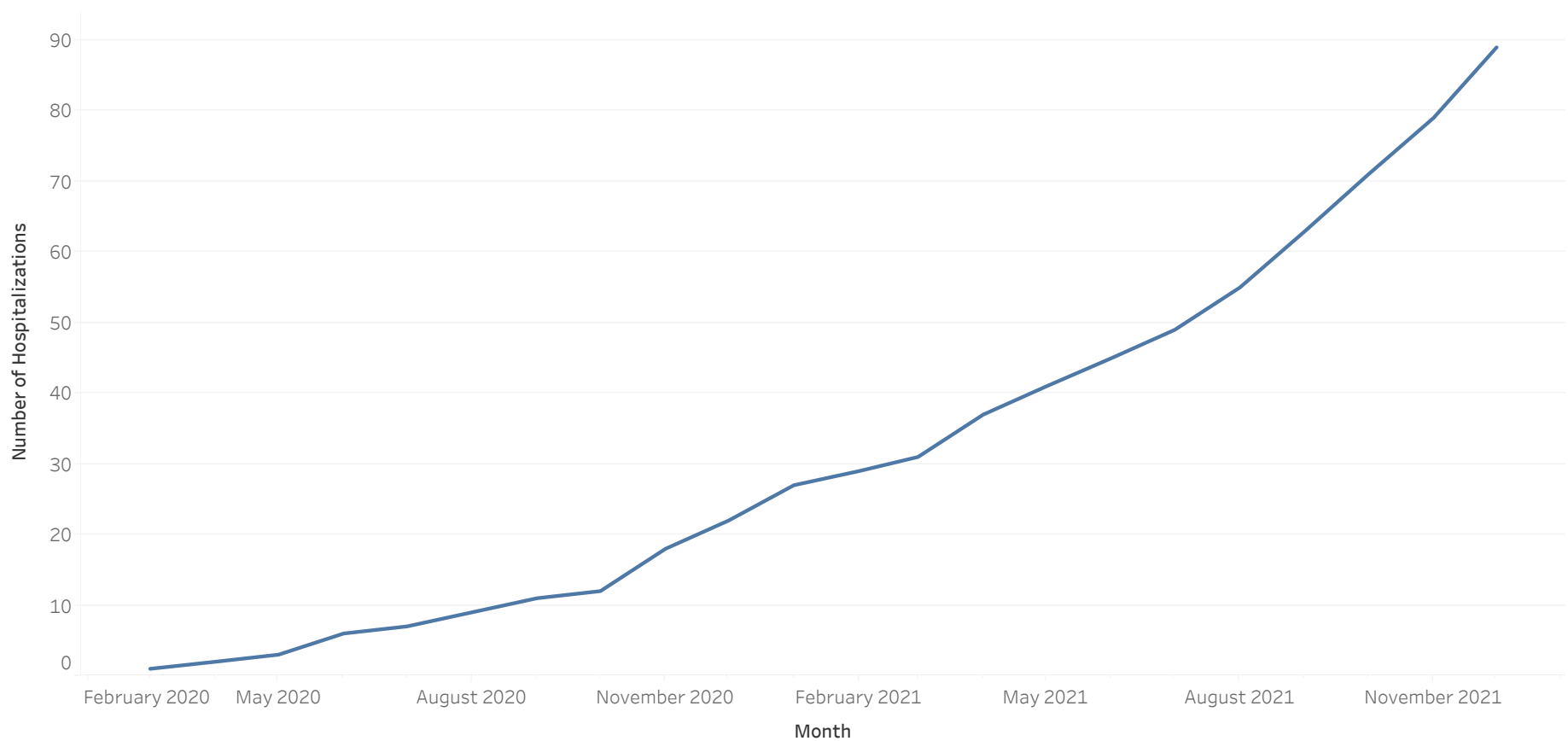
89

Age Breakdown of Hospitalized Youth Cases:

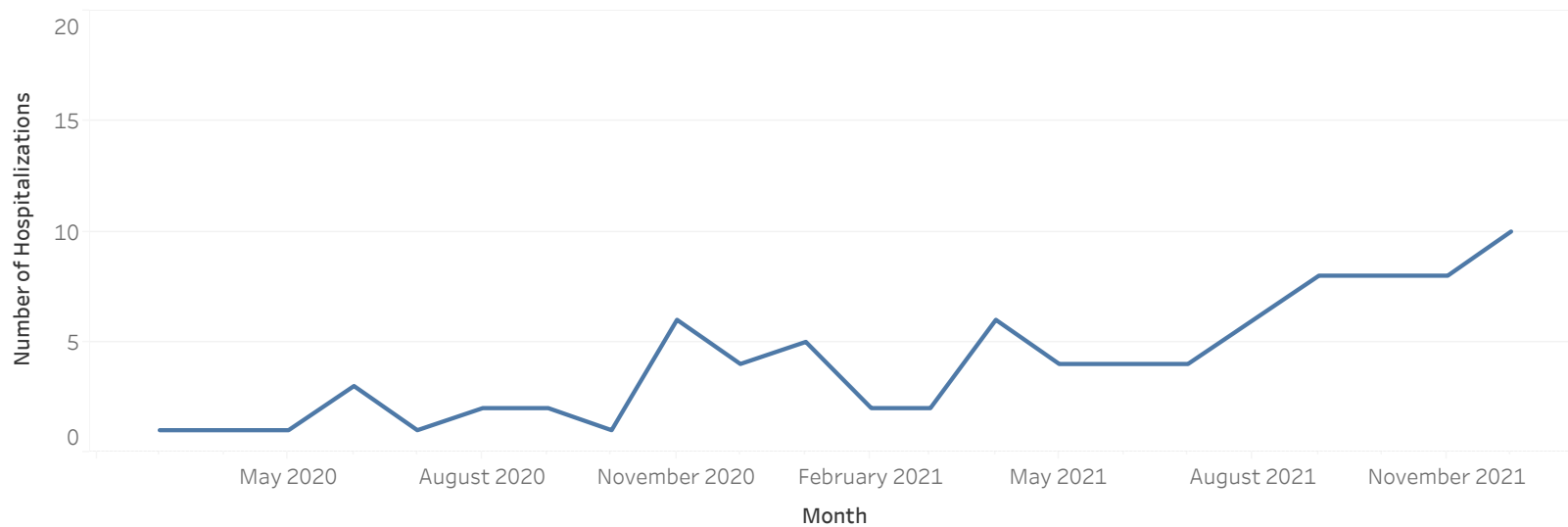
0-4	34.8%
5-9	6.7%
10-14	6.7%
15-19	23.6%
20-24	28.1%

*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

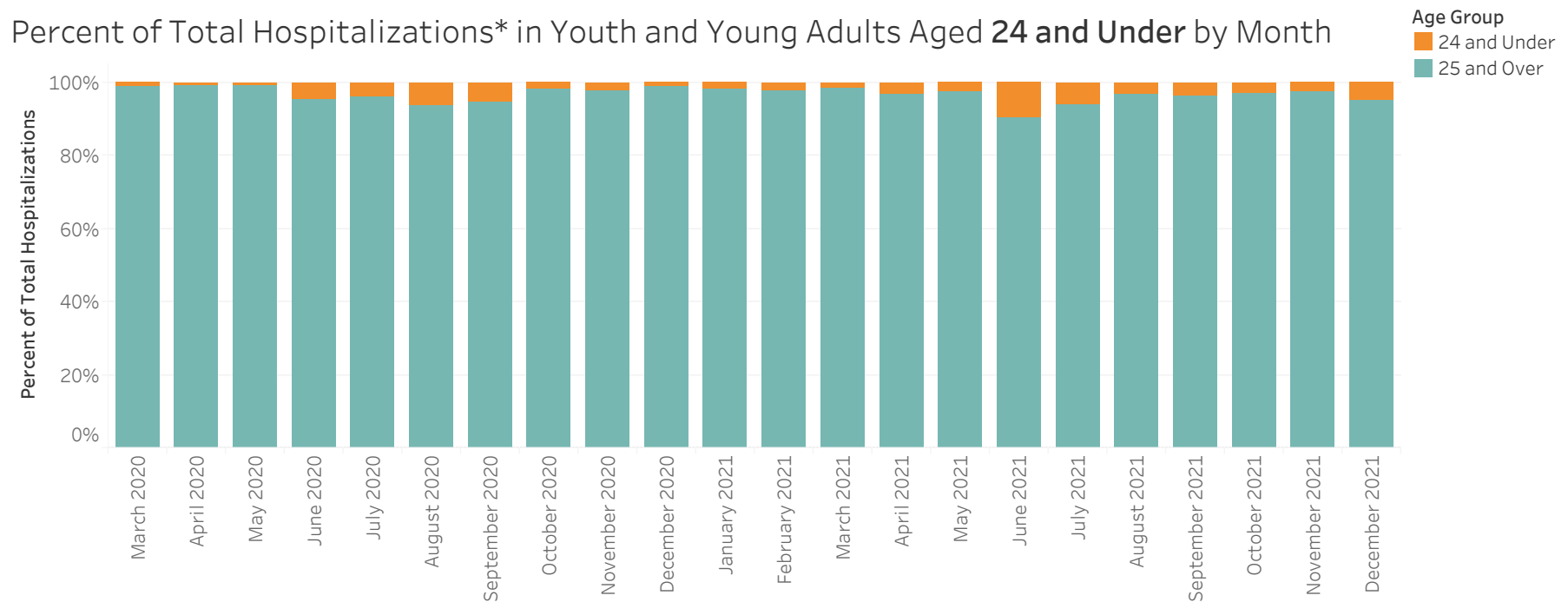
Cumulative Number of Hospitalizations in Youth and Young Adults Aged **24 and Under** Over Time



Number of Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

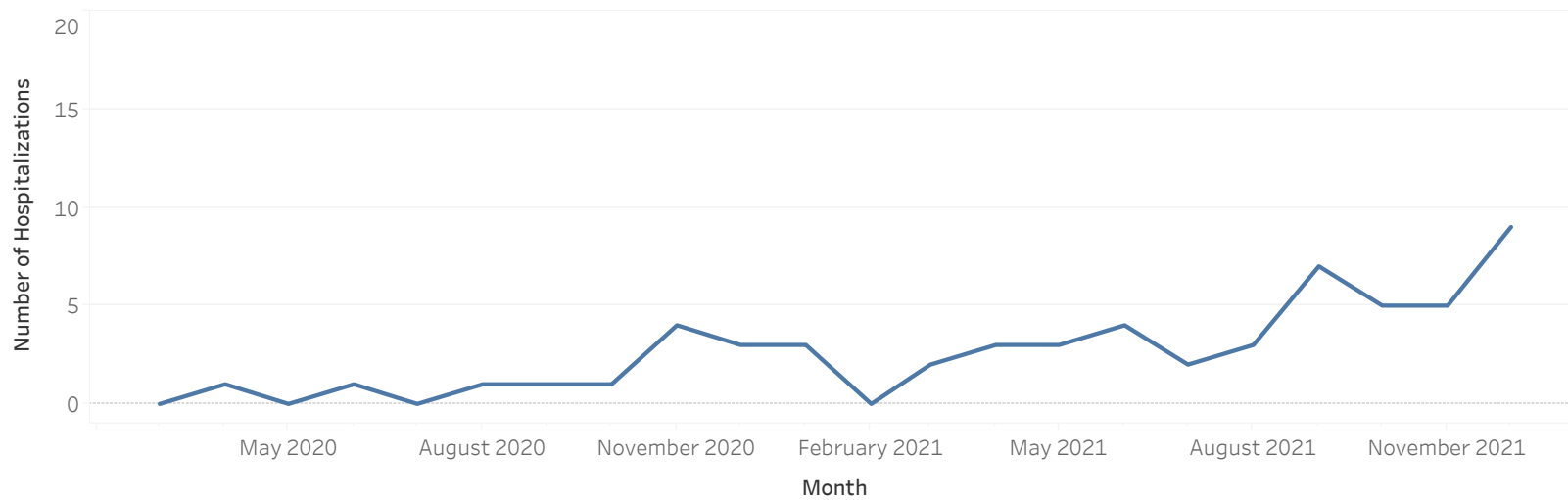


Percent of Total Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

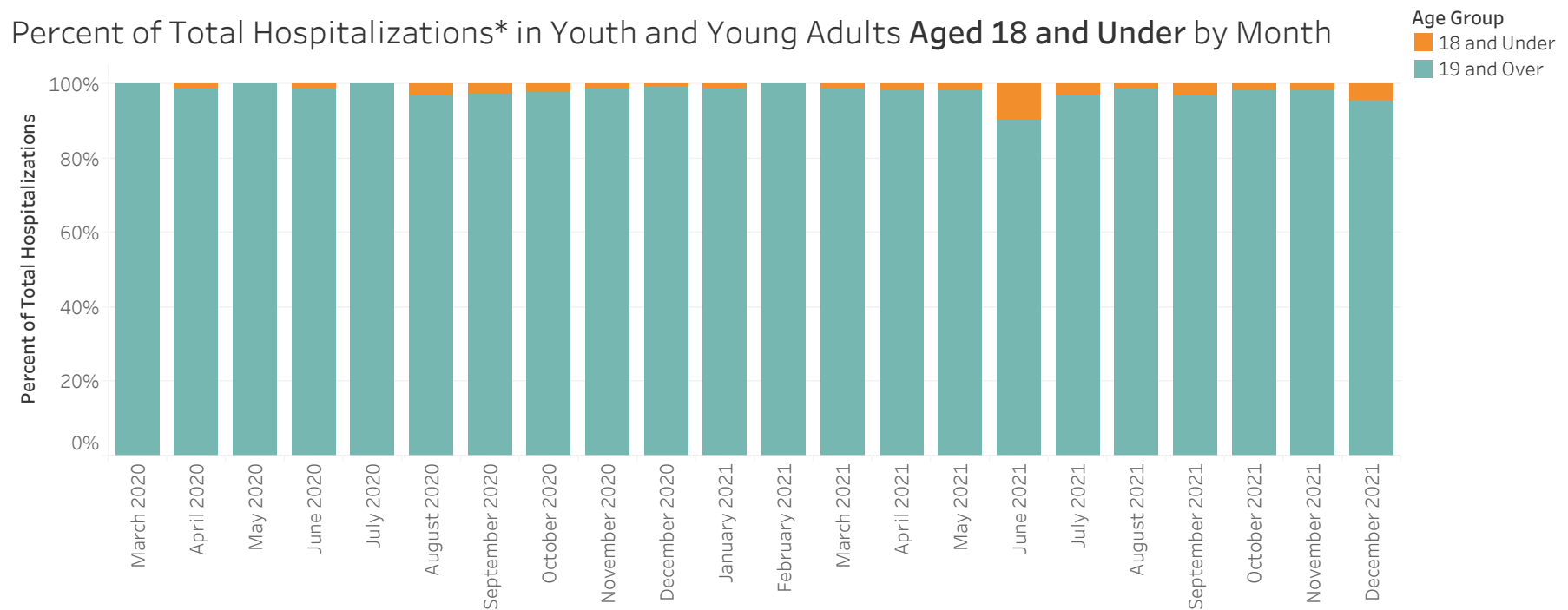


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month

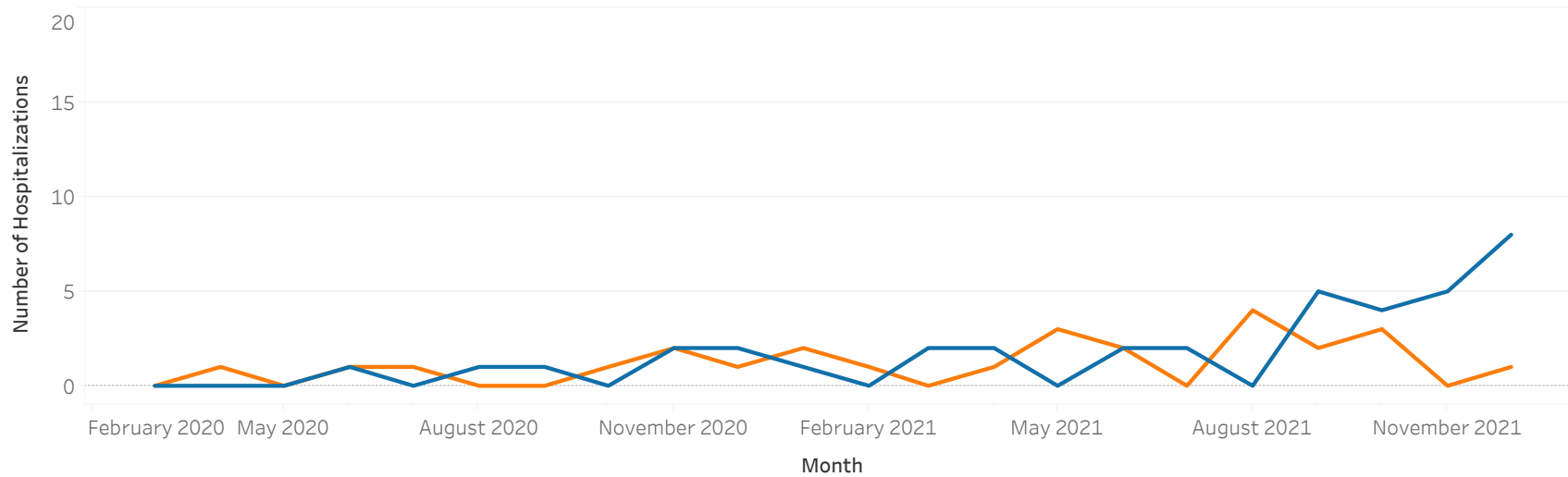


Percent of Total Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month

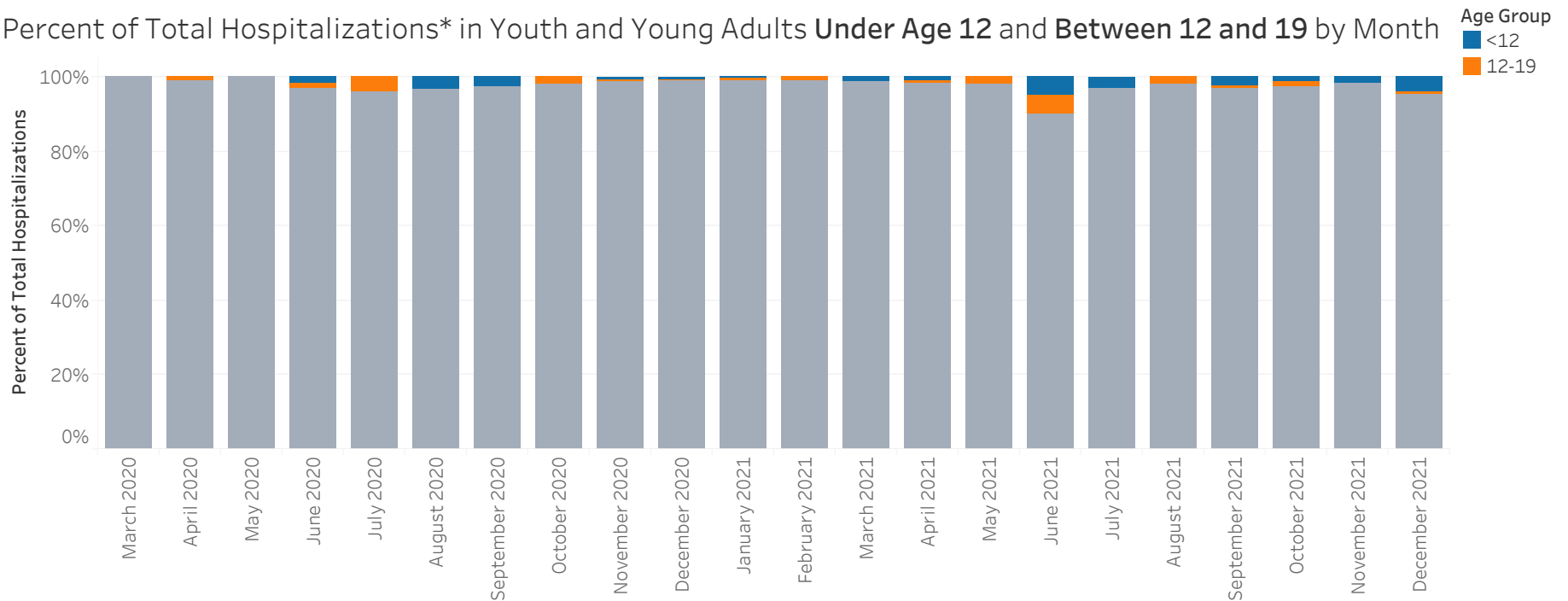


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



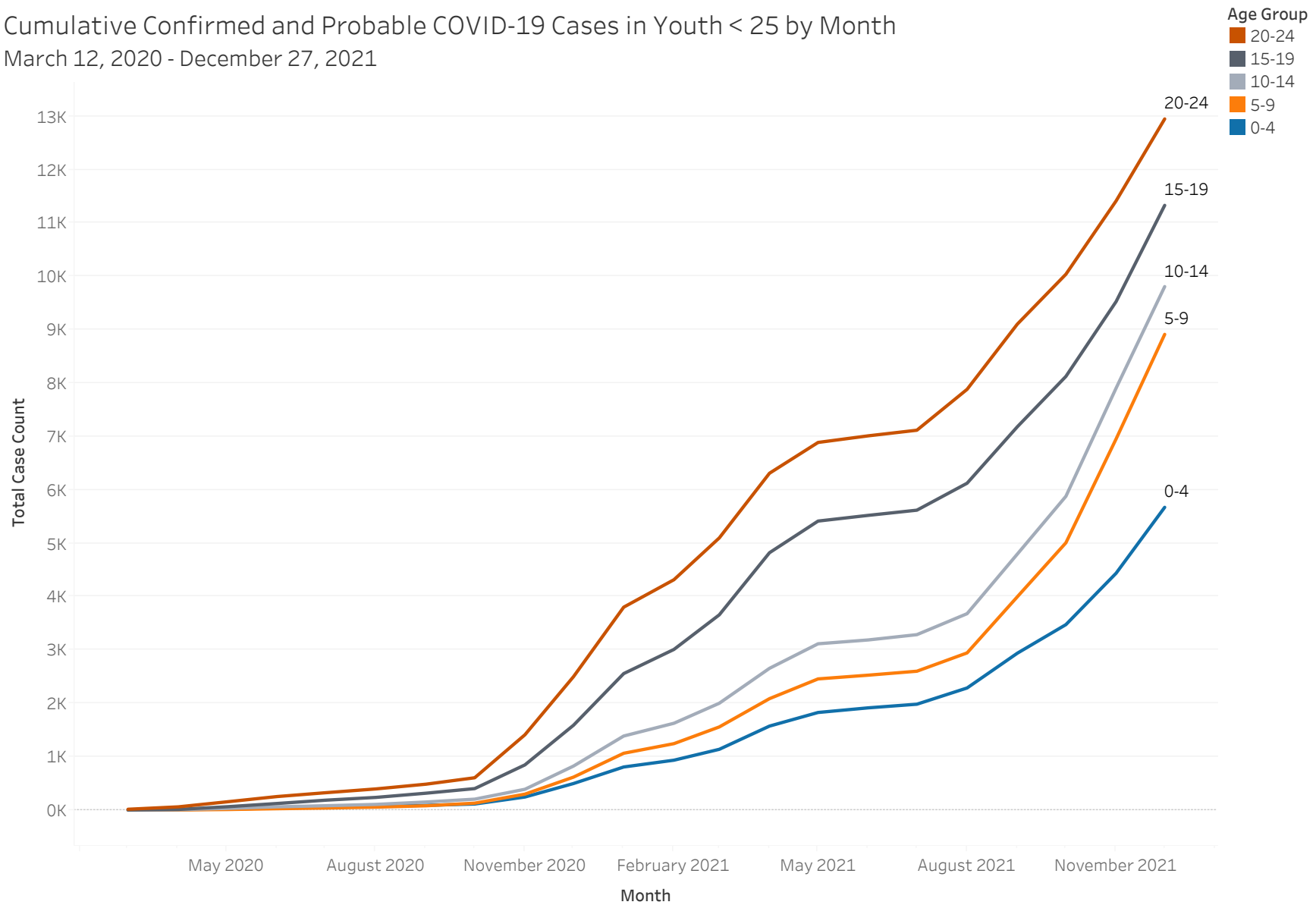
Percent of Total Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Cumulative Confirmed and Probable COVID-19 Cases in Youth < 25 by Month

March 12, 2020 - December 27, 2021



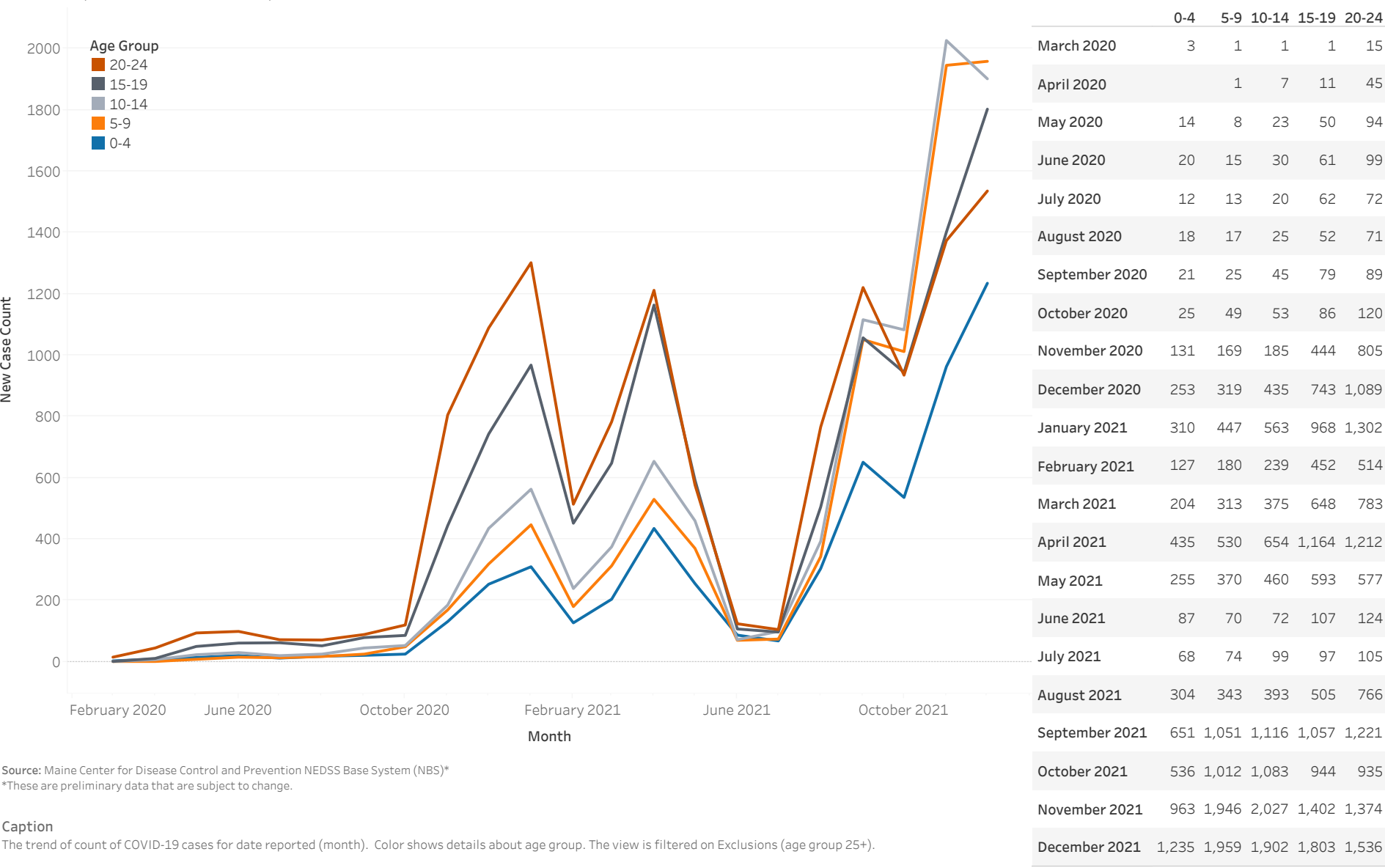
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

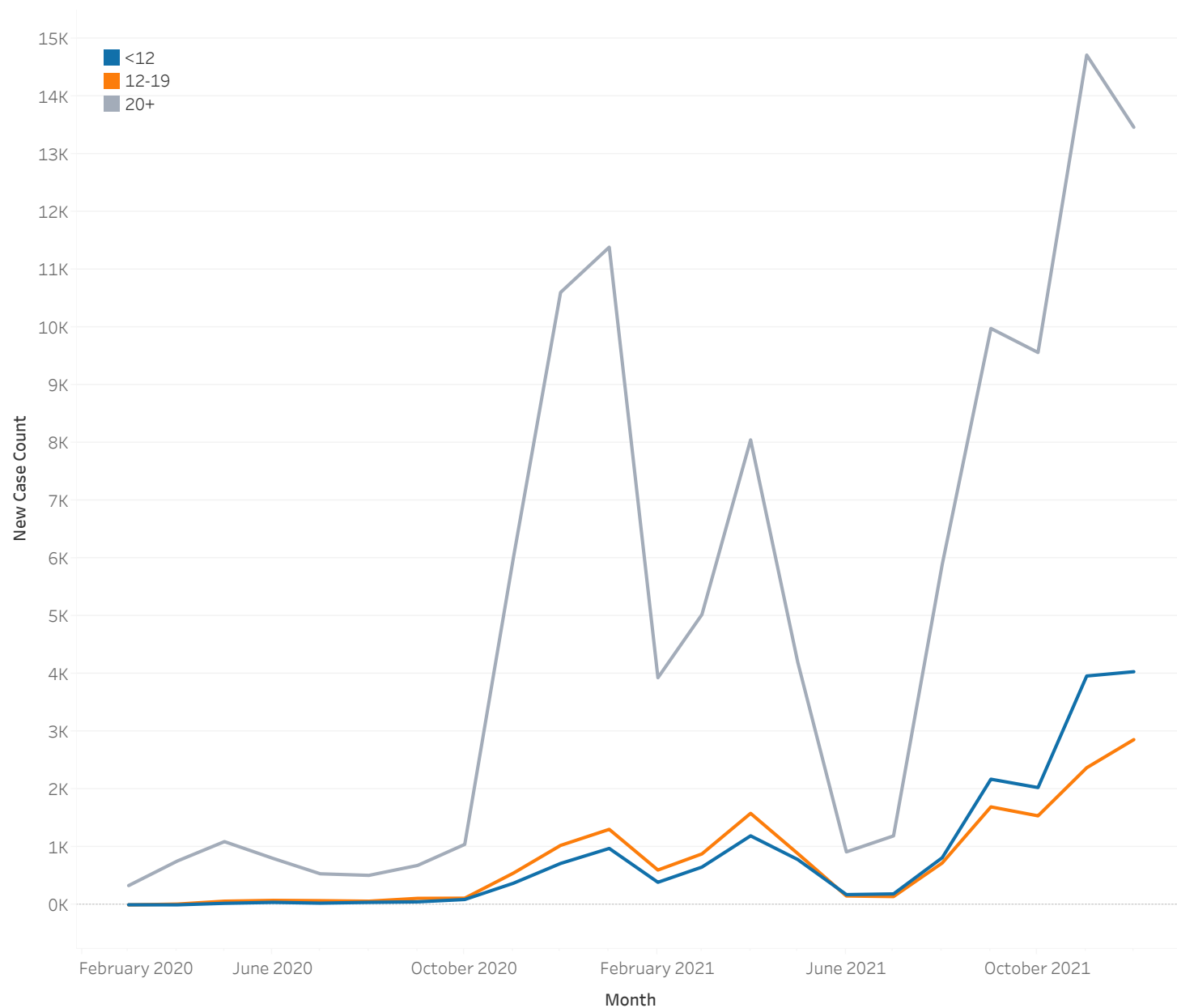
Caption

The trend of running sum of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth < 25
March 12, 2020 - December 27, 2021



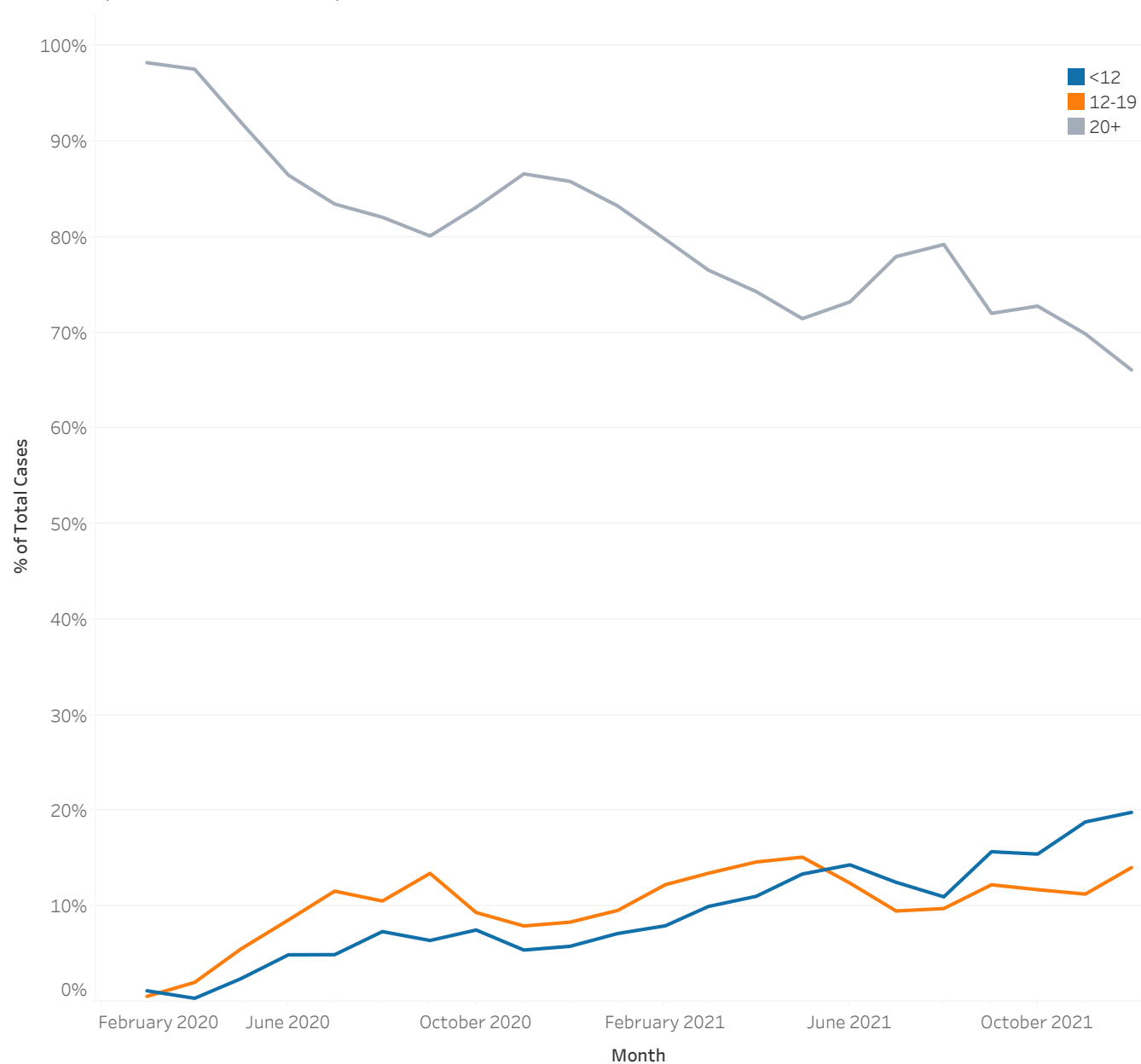
Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth <12
March 12, 2020 - December 27, 2021



	<12	12-19	20+
March 2020	4	2	336
April 2020	3	16	761
May 2020	29	66	1,097
June 2020	46	80	806
July 2020	32	75	540
August 2020	46	66	513
September 2020	55	115	685
October 2020	95	118	1,049
November 2020	377	552	6,013
December 2020	719	1,031	10,600
January 2021	979	1,309	11,383
February 2021	393	605	3,933
March 2021	656	884	5,026
April 2021	1,197	1,586	8,049
May 2021	787	891	4,204
June 2021	180	156	919
July 2021	192	146	1,196
August 2021	818	727	5,893
September 2021	2,177	1,698	9,977
October 2021	2,032	1,543	9,561
November 2021	3,963	2,375	14,708
December 2021	4,037	2,862	13,458

*December 2021 includes data from December 1-27 only.

Percent of Total COVID-19 Cases in Youth <12 by Month
March 12, 2020 - December 27, 2021

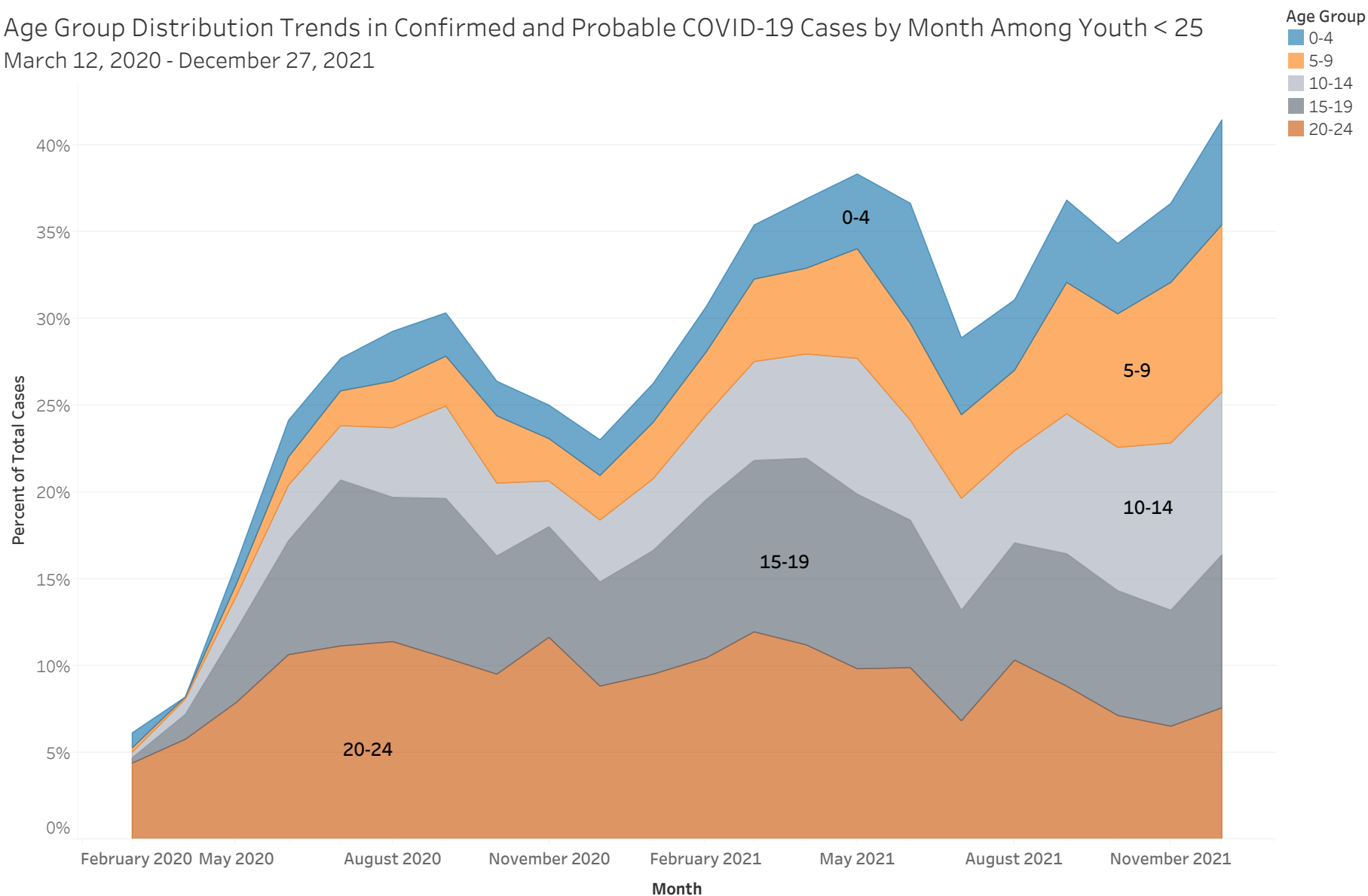


	<12	12-19	20+
March 2020	1.17%	0.58%	98.25%
April 2020	0.38%	2.05%	97.56%
May 2020	2.43%	5.54%	92.03%
June 2020	4.94%	8.58%	86.48%
July 2020	4.95%	11.59%	83.46%
August 2020	7.36%	10.56%	82.08%
September 2020	6.43%	13.45%	80.12%
October 2020	7.53%	9.35%	83.12%
November 2020	5.43%	7.95%	86.62%
December 2020	5.82%	8.35%	85.83%
January 2021	7.16%	9.58%	83.26%
February 2021	7.97%	12.27%	79.76%
March 2021	9.99%	13.46%	76.55%
April 2021	11.05%	14.64%	74.31%
May 2021	13.38%	15.15%	71.47%
June 2021	14.34%	12.43%	73.23%
July 2021	12.52%	9.52%	77.97%
August 2021	11.00%	9.77%	79.23%
September 2021	15.72%	12.26%	72.03%
October 2021	15.47%	11.75%	72.78%
November 2021	18.83%	11.28%	69.89%
December 2021	19.83%	14.06%	66.11%

*December 2021 includes data from December 1-27 only.

Age Group Distribution Trends in Confirmed and Probable COVID-19 Cases by Month Among Youth < 25

March 12, 2020 - December 27, 2021



Click on an age group to highlight the corresponding stack on the graph.

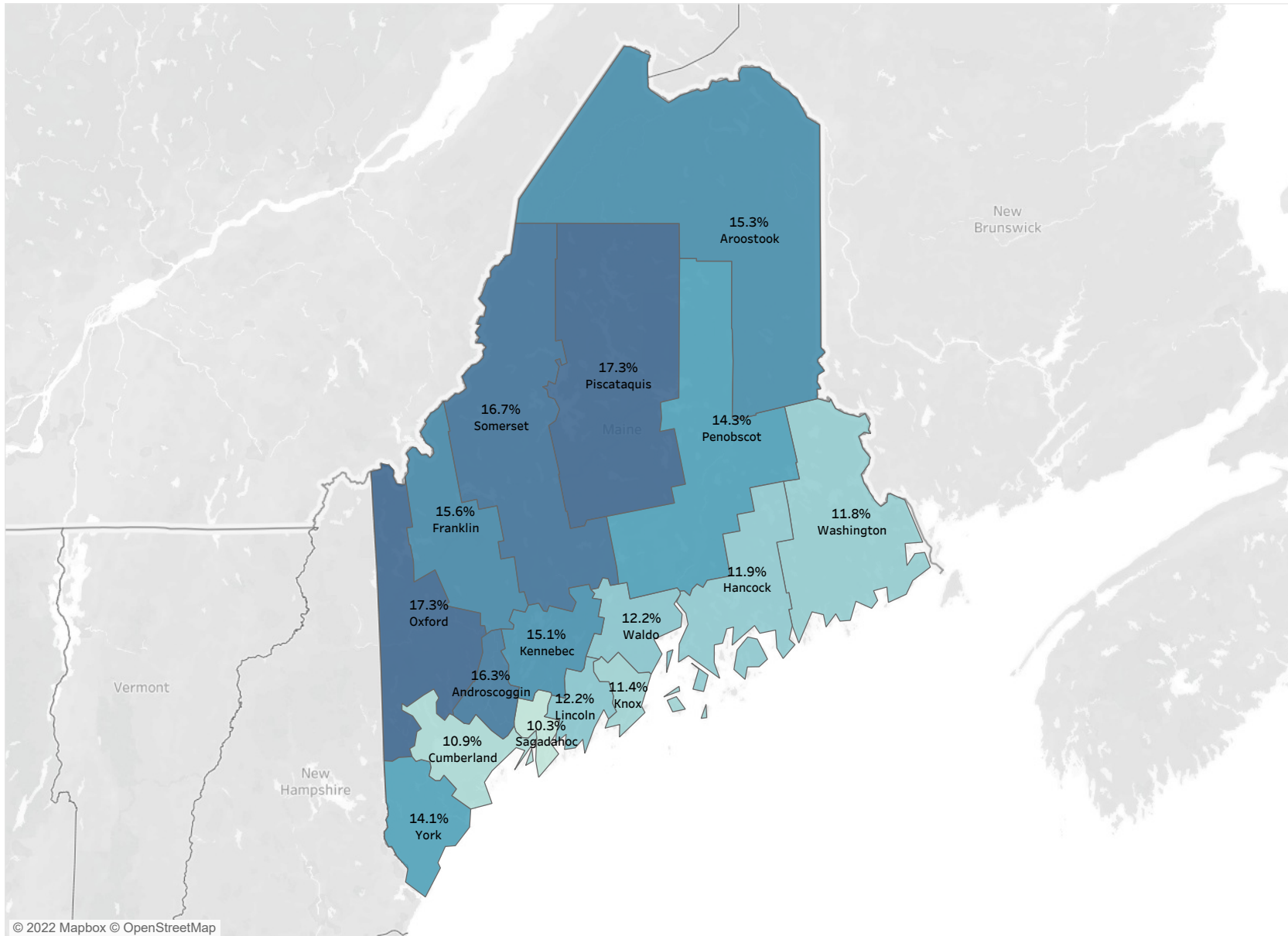
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
 *These are preliminary data that are subject to change.

Caption

The plot of % of Total Count of COVID-19 cases for date reported (month). Color shows details about age group. The data is filtered, hiding age group 25+.

Confirmed and Probable COVID-19 Youth <25 Case Rate by County

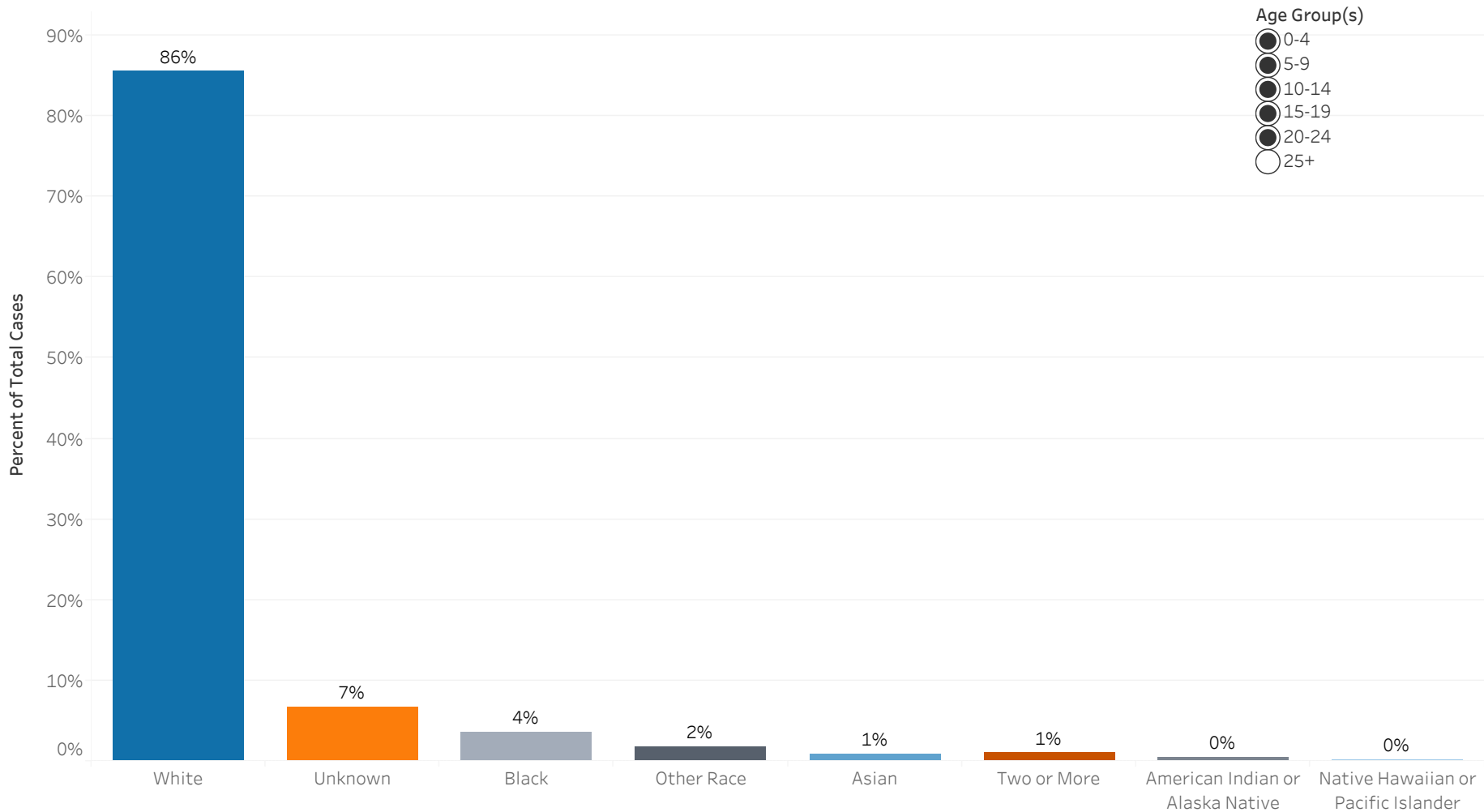
March 12, 2020 - December 27, 2021



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Race and Ethnicity of Confirmed and Probable COVID-19 Cases Among Youth < 25

March 12, 2020 - December 27, 2021



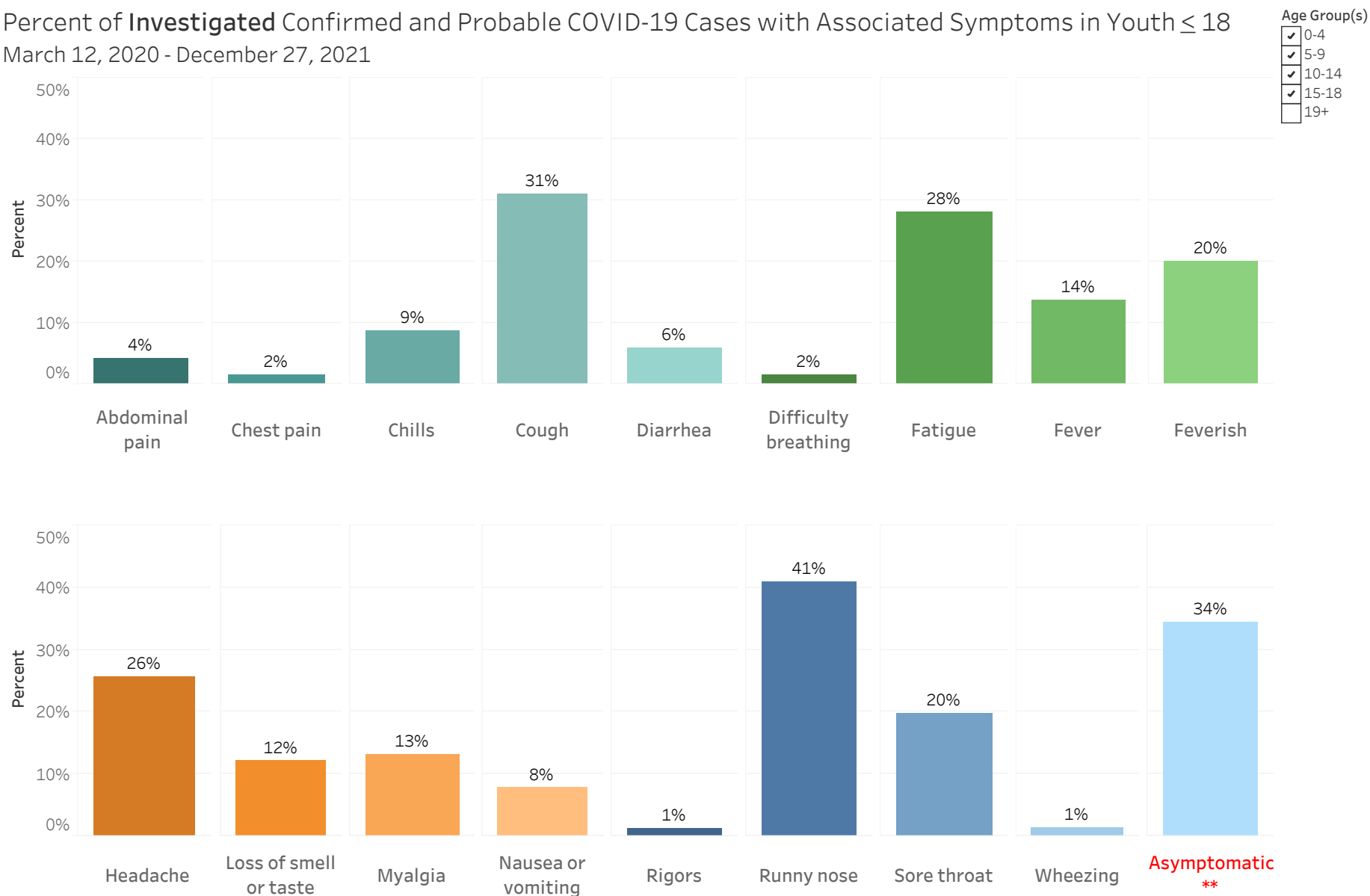
Case counts <6 have been suppressed.
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption
% of Total Count of COVID-19 cases for each Race. The marks are labeled by % of Total Count of COVID-19 cases. The data is filtered on Age Group and Suppress. The Age Group filter keeps selected age group. The Suppress filter keeps case counts ≥6.

Patient Ethnicity Description	
Hispanic or Latino	2%
Not Hispanic or Latino	71%
unknown	27%

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms in Youth ≤ 18

March 12, 2020 - December 27, 2021



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

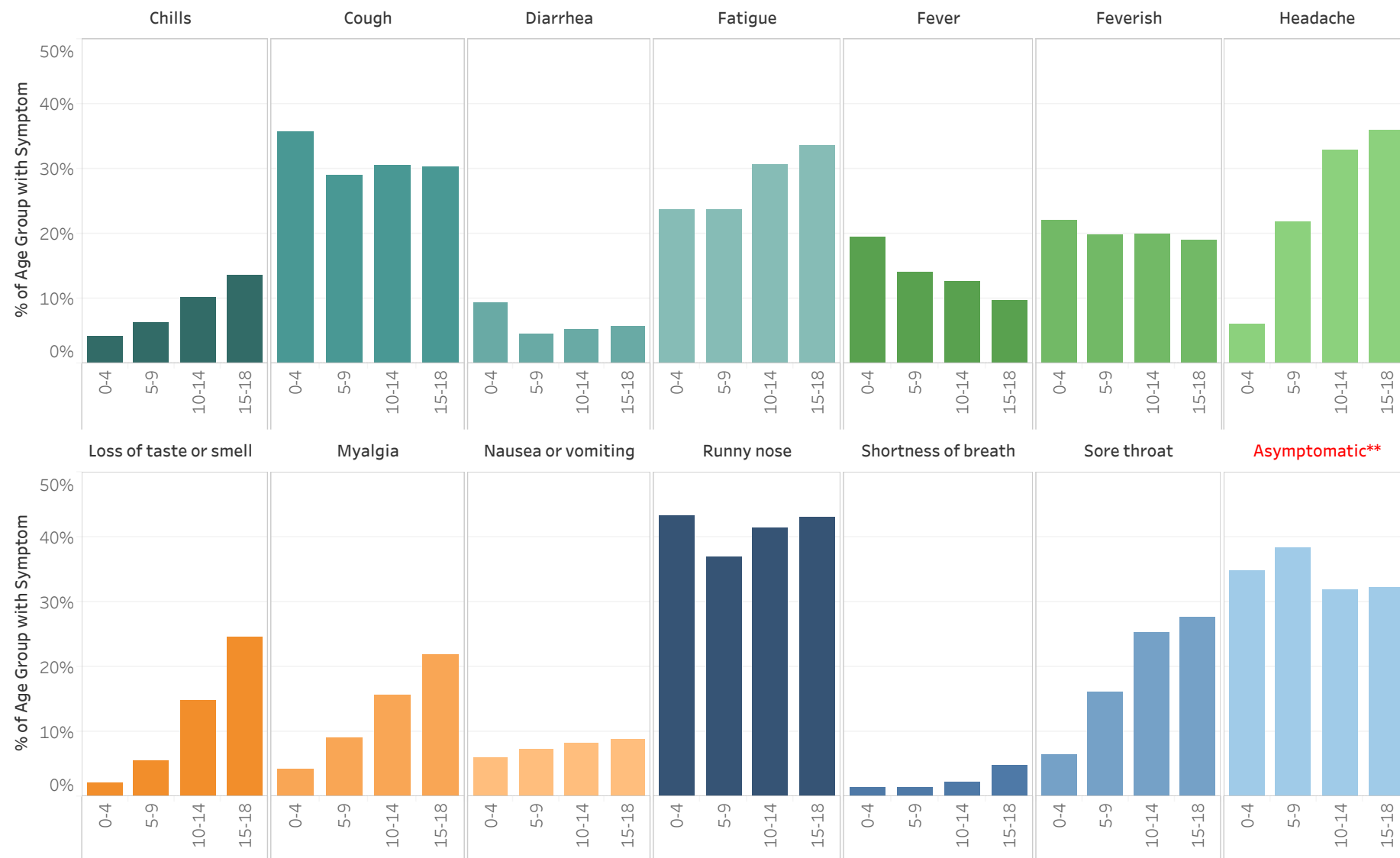
Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases for each symptom. The marks are labeled by % of Count of COVID-19 cases who experienced each symptom. The data is filtered on age group. The Age Group filter allows the user to select an age group.

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms by Age Group ≤ 18

March 12, 2020 - December 27, 2021



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases in each age group for each symptom.

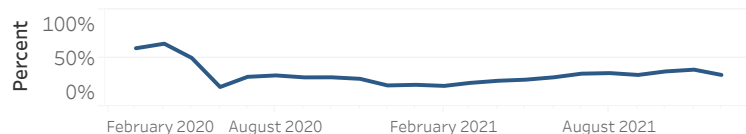
Symptom Trends in Investigated Confirmed and Probable COVID-19 Cases ≤ 18

March 12, 2020 - December 27, 2021

Age Group(s)

- ☒ 0-4
- ☒ 5-9
- ☒ 10-14
- ☒ 15-18
- ☐ 19+

Cough



Myalgia



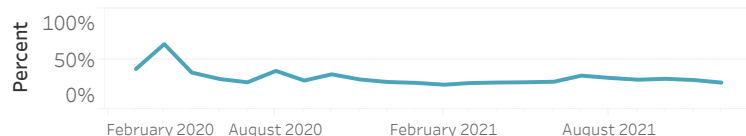
Diarrhea



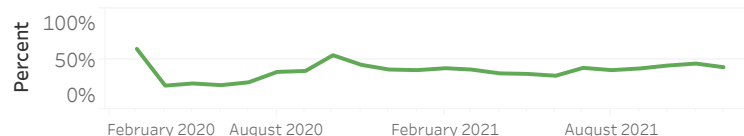
Nausea or Vomiting



Fatigue



Runny Nose



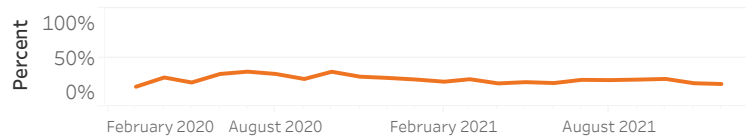
Fever



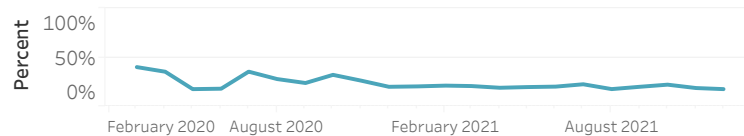
Shortness of Breath



Headache



Sore Throat



Loss of Taste or Smell



Asymptomatic**



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

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**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

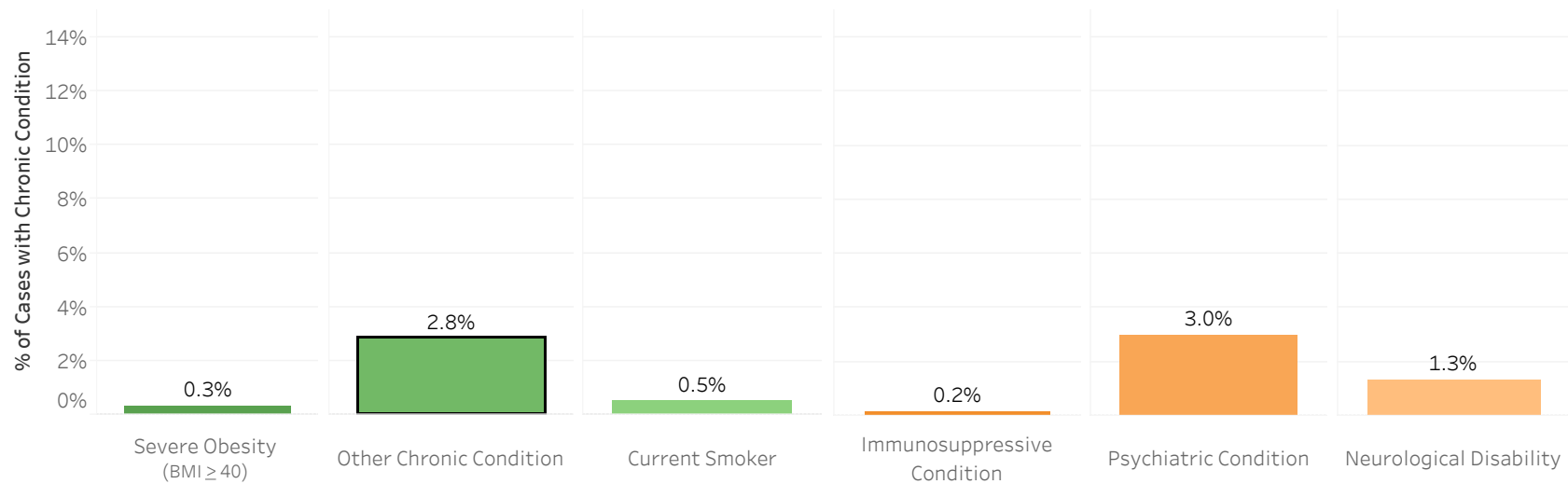
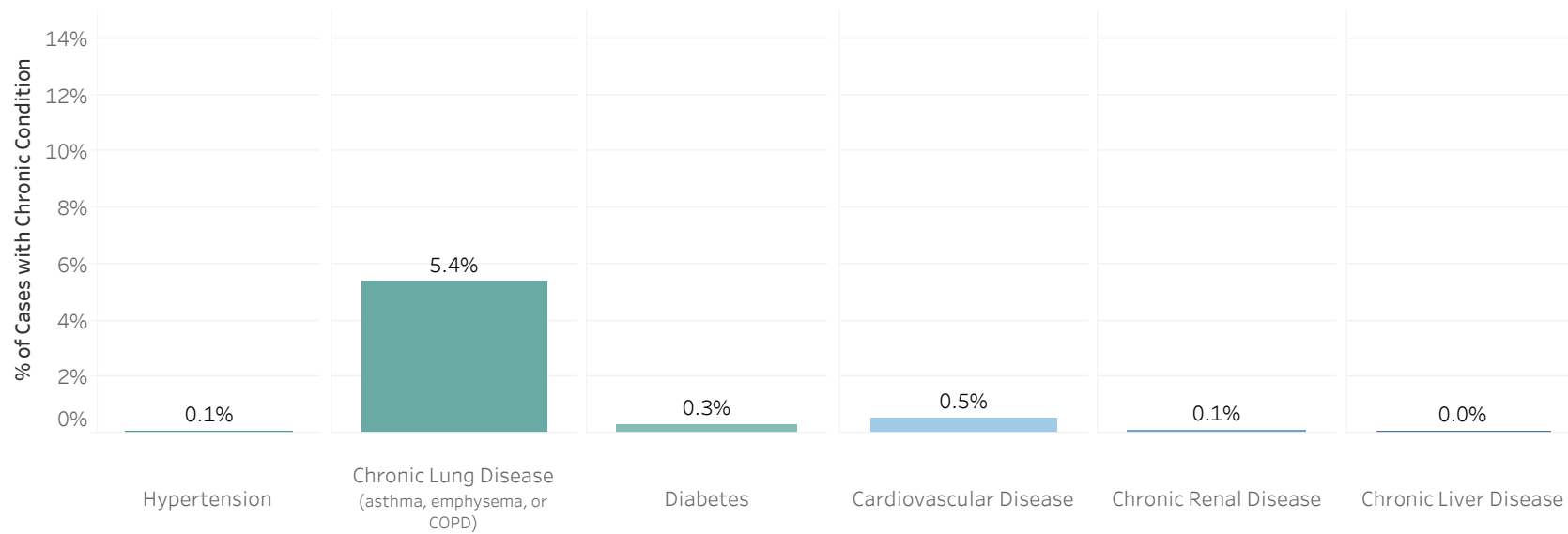
Caption: The trend of % of Count of COVID-19 cases with each symptom for date reported (month).

Percent of **Investigated** Confirmed and Probable COVID-19 Cases ≤ 18 with Selected Chronic Conditions

March 12, 2020 - December 27, 2021

Age Group(s)

- 0-9
- 10-18
- 19+



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**These are preliminary data that are subject to change.

Caption: % of Count of COVID-19 cases for each chronic condition. The marks are labeled by % of Count of COVID-19 cases.